Table 16. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work ² per 10,000 full-time workers for selected sources of injuries or illnesses and industry division, 1996

Indiana-private industry												
			Goods-	producing		Service-producing						
Source	Private industry ³	Agricul- ture, forestry, and fishing ³	Mining ⁴	Construc- tion	Manufac- turing	Transportation and public utilities 4,5	Whole- sale trade	Retail trade	Finance, insurance, and real estate	Services		
Total [52,954 cases]	258.3	206.8	280.6	417.7	302.0	308.2	314.0	220.2	80.2	197.7		
Chemicals and chemical products	6.0	-	13.4	1.5	8.2	-	-	8.7	-	5.6		
unspecified		- -	_ _	- -	2.3 2.1	-	- -	7.4 -	1.2 -	1.0 3.8		
Paint, lacquer, shellac, varnish, n.e.c Paint, lacquer, shellac, varnish,	-	-	-	-	_	-	-	_	-	2.9		
unspecifiedCoal, natural gas, petroleum fuels and		_	-	_	_	_	-	_	_	2.8		
products, n.e.c	-	_ _ _	13.4 10.4 10.4	_ _ _	_ _ _	_ _ _	_ _ _	_ _ _	_ _ _	_ _ _		
Other chemicals	-	_	-	-	1.1	-	_	-	-	_		
Containers Containers, unspecified Containers—nonpressurized Bags, sacks, totes Barrels, kegs, drums Boxes, crates, cartons Buckets, baskets, pails Cans Pots, pans, trays Tanks, bins, vats Containers—variable restraint Bundles, bales Reels, rolls Skids, pallets Furniture and fixtures Furniture and fixtures, unspecified Cases, cabinets, cases—display, storage Shelving Floor, wall, and window coverings, unspecified Furniture Beds, bedding, mattresses Chairs	2.6 25.8 2.4 1.3 14.9 1.6 1.2 2.8 1.2 3.8 - 3.0 3.1 11.5 - 5.7 3.9 - 4.0 -	19.4 - 10.7 8.7	16.4 - 7.5	26.0 - 13.0 2.7 4.0 1.2 - 10.8 - 10.0 - 7.5 - 2.6 1.6	44.7 1.9 28.1 2.1 1.8 12.7 3.1 - 5.6 2.3 7.6 1.2 6.4 5.6 9.7 - 5.8 3.6 - - - -	85.5 18.4 62.5 2.8 - 57.1 - - - - - - - - - - - - - - - - - - -	57.0 - 45.9 - 7.5 29.4 - 4.6 - - - 7.0 30.3 - 10.8 9.9 - 9.7 7.9 9.7	39.3 2.8 30.7 3.9 - 19.9 - 3.1 - - - 3.5 18.8 1.9 11.4 7.2 2.0 - 4.3 -	10.2 - 9.5 - 7.2 - - - - - - - - - - - - -	11.2 - 9.3 2.3 - 2.7 - 3.0 - - - - 8.1 - 2.2 1.6 - - - 5.3 2.2 1.1		
Desks	-	- - -	- - -	- - -	- - 1.7	- - -	8.2 - -	1.9 -	_ _ _	- - 1.5		
Machinery	1.3 - -	49.5 - 24.0 - -	44.8 - - - -	29.3 - 1.4 1.4 1.4	35.6 3.1 - -	5.3 - - - -	15.4 - - - -	16.4 - - - -	5.9 - - - -	7.2 - - - -		
Construction, logging, and mining machinery	- - - -	- - - - - -	28.4 - - - - - - 28.4	11.4 5.7 3.9 1.4 1.1 1.1	- - - - - -	- - - - -	- - - - - -	- - - - - -	- - - - - -	- - - - - -		
unspecified		_	28.4	3.4	- 1.3	_	_	9.0	_	- 4.5		
Cooling and humidifying machinery and appliances	1.6	- - -	- - -	- - -	- -	_ _ _	- -	5.6 5.2	_ _ _	- - -		

Table 16. Incidence rates 1 for nonfatal occupational injuries and illnesses involving days away from work 2 per 10,000 full-time workers for selected sources of injuries or illnesses and industry division, 1996 — Continued

	I			ate maas		ı						
			Goods-	producing		Service-producing						
Source	Private industry ³	Agricul- ture, forestry, and fishing ³	Mining ⁴	Construc- tion	Manufac- turing	Transportation and public utilities 4,5	Whole- sale trade	Retail trade	Finance, insurance, and real estate	Services		
Heating and cooking machinery and												
appliances	1.0	_	_	_	_	_	-	3.0	_	_		
Washers, dryers, and cleaning machinery and appliances	1.0	_	_	_	_	_	_	_	_	3.4		
Clothes washers	_	_	_	_	_	_	_	_	_	2.8		
Material handling machinery		10.5	11.9	-	5.4	3.3	-	3.4	_	-		
Conveyors—gravity Chutes		9.3 9.3	_	_	1.0 –	2.7	_	_	_	_		
Conveyors—roller		_		-	-	2.7	-	-	_	-		
Conveyors—powered Conveyors—powered, unspecified		_	10.4	_	2.5 1.7	_	_	_	_	_		
Conveyors—belt	-	_	7.5	_	-	_	_	_	_	_		
Elevators		_	_	1.4	_	_	-	-	-	_		
Manlifts Metal, woodworking, and special material	_	_	_	1.4	_	_	_	_	_	_		
machinery	7.0	_	-	6.5	19.2	-	-	-	_	-		
Metal, woodworking, and special material machinery, unspecified	1.0	_	_	_	2.8	_	_	_	_	_		
Bending, rolling, shaping machinery		_	_	_	1.3	_	_	_	_	_		
Boring, drilling, planing, milling					4.0							
machinery Drills—stationary		_	_	_	1.8 1.3	_	_	_	_	_		
Extruding, injecting, forming, molding												
machinery Extruding, injecting, forming, molding	_	_	_	_	1.9	_	-	_	_	_		
machinery, unspecified	-	_	_	_	1.2	_	_	_	_	_		
Grinding, polishing machinery	_	_	_	1.5	2.2	_	-	_	_	_		
Grinding, polishing machinery, unspecified	_	_	_	1.5	_	_	_	_	_	_		
Grinders, abraders	_	_	_	_	1.4	_	-	-	-	_		
Presses, except printing Presses, except printing,	1.0	_	_	_	3.0	_	_	_	_	_		
unspecified	_	_	_	_	1.9	_	-	-	_	_		
Sawing machinery—stationary Table saws	1.3	_	_	_	3.5 1.3	_	_	_	_	_		
Other metal, woodworking, and special	_	_	_	_	1.5		_	_		_		
material machinery	_	_	_	_	1.7	_	-	-	-	_		
Metal, woodworking, and special material machinery, n.e.c.	_	_	_	_	1.2	_	_	_	_	_		
Special process machinery	2.6	_	_	2.8	4.9	_	-	2.0	_	1.2		
Packaging, bottling, wrapping machinery	_	_	_	_	1.5	_	_	_	_	_		
Other special process machinery		_	_	2.8	-	_	-	_	_	_		
Other special process machinery, unspecified	_			1.4								
Pumps	_	_	_	1.4	_	_	_	_	_	_		
Miscellaneous machinery	1.1	_	_	-	1.0	1.3	5.2	_	_	-		
Other machinery	_	_	_	_	_	_	5.2 4.3	_	_	_		
•												
Parts and materials	36.0 4.4	_	32.8	85.5	63.0 10.1	30.7	47.5 4.4	14.2	_	8.2		
Building materials—solid elements	12.5	_	10.4	48.1	17.0	3.9	29.5	6.0	1.3	2.2		
Building materials—solid elements,	_			1.2								
unspecified Bricks, blocks, structural stone	_	_	_	3.3	_	_	_	_	_	_		
Pipes, ducts, tubing		_	_	9.9	2.4	-	7.9	-	_	_		
Pipes, ducts, tubing, unspecified Ducts	1.5	_	_	6.7 1.4	1.3 –		7.9 –	_	_	_		
Structural metal materials	3.5	_	_	11.7	7.1	_	-	-	_	_		
Bars, rods, reinforcing bar (rebar) Plates, metal panels	- 1.0	_	_	2.8 1.4	1.4 2.5	_	_	_	_	_		
Rails	ı	_	_	1.6		_	_	_	_	_		
Tiles, shingles	_	_	_	2.7	_	-	-	-	_	_		
Tiles, shingles, unspecified Wood, lumber	- 5.3	_	7.5	1.6 16.2	- 6.5	_	_ 18.7	2.7	_	_		
Dimensional lumber: 2x4, 2x3, etc	3.9	_	_	12.2	4.4	1.4	18.2	-	_	_		
		L	1	1	L	1						

Table 16. Incidence rates 1 for nonfatal occupational injuries and illnesses involving days away from work 2 per 10,000 full-time workers for selected sources of injuries or illnesses and industry division, 1996 — Continued

				ate maas							
			Goods-	producing		Service-producing					
Source	Private industry ³	Agricul- ture, forestry, and fishing ³	Mining ⁴	Construc- tion	Manufac- turing	Transportation and public utilities 4,5	Whole- sale trade	Retail trade	Finance, insurance, and real estate	Services	
Plywood, wood paneling, particle, chip,											
flake board	_	_	_	4.0	_	_	_	_	_	_	
Other building materials—solid				0.0							
elements Fasteners, connectors, ropes, ties	_ 2.6	_	9.0	3.2 8.1	3.0	11.1	_	_	_	_	
Fasteners	1.0	_	-	6.3	1.2		_	-	_	-	
Nails, brads, tacks		_	_	4.2	_	_	-	_	_	_	
Nuts, bolts, washers Ropes, ties		_	7.5	1.1	1.7	10.7	_	_	_	_	
Ropes, ties, unspecified	ı	_	7.5	-	-	-	_	-	_	-	
Bungee cords		_	_	-	-	10.0	-	_	_	-	
Machine, tool, and electric parts Electric parts	6.0 2.2	_	9.0	7.0 5.3	14.9 4.9	_	_	_	_	1.0	
Electrical wiring	-	_	_	3.4	_	_	-	_	_	_	
Generators	1.2	_	_	1.3	3.4	-	-	_	_	_	
Machine and appliance parts Machine and appliance parts,	3.6	_	_	_	9.8	_	_	_	_	_	
unspecified	1.1	_	_	_	3.2	_	-	_	_	_	
Dies, molds, patterns	1.2	_	_	- 1.1	3.5	_	-	_	_	_	
Drums, pulleys, sheaves	_	_	_	1.1	_	_	_	_	_	_	
n.e.c	-	_	_	_	2.4	_	-	_	_	_	
Metal materials—nonstructural	3.8	_	_	5.6	8.4	_	-	_	_	1.0	
Metal sheets, ingots, bars— nonstructural	2.6	_	_	4.6	5.7	_	_	_	_	_	
Molten or hot metals, slag		_	_	-	1.6	_	-	_	_	_	
Tars, sealants, caulking, insulating	_			F 4							
materials Asphalt, roofing tar		_	_	5.4 2.9	_	_	_	_	_	_	
Tarps and sheeting—nonmetal	ı	_	_	1.5	_	7.7	-	-	_	_	
Tarps and sheeting—nonmetal,	_			_	_	7.7	_	_			
unspecified Roofing paper, roofing felt		_	_	1.5	_		_	_	_	_	
Vehicle and mobile equipment parts	5.1	_	_	6.9	7.9	3.7	5.0	3.6	_	3.2	
Tires, inner tubes, wheels Tires, except bike	ı	_	-	1.5 1.4	_	-	-	_	_	1.9	
Wheels, tire rims		_	_	-	_	_	_	_	_	1.3	
Engine parts and accessories		_	_	_	1.3	_	-	_	_	1.3	
Transmission	_	_	_	1.1	_	_	_	_	_	1.3	
Vehicle and mobile equipment parts,											
n.e.c	2.5	9.3	-	3.7	5.4	1.2	-	-	_	-	
Persons, plants, animals, and minerals	44.0	52.0	16.4	47.1	45.2	23.9	20.1	24.8	15.6	80.2	
Animals and animal products	1.1	_	_	4.2	_	-	_	_	1.3	_	
Insects, arachnids (spiders, ticks,									1.2		
scorpions, etc.)	_	9.3	_	_	_	_	_	_	1.3	_	
Food products—fresh or processed	1.9	_	_	-	_	-	-	6.4	_	1.7	
Other food products—fresh or processed	1.3	_	_	_	_	_	_	5.6	_	_	
Fats, oils	1.1	_	_	_	_	_	_	5.6	_	_	
Nonmetallic minerals, except fuel	-	_	16.4	2.8	_	-	-	_	_	-	
Nonmetallic minerals, except fuel, unspecified	_	_	11.9	_	_	_	_	_	_	_	
Person—injured or ill worker	27.0	_	-	39.5	42.9	18.0	19.1	14.9	14.3	19.1	
Bodily motion or position of injured,				00.0	40.0	40.0	40.0	440	440	40.0	
ill worker Person—other than injured or ill worker	26.8 12.7	_	_	38.2	42.9 _	18.0 4.6	18.6 –	14.6	14.2	19.0 56.4	
Co-worker, former co-worker of											
injured or ill worker	_	_	_	_	_	_	-	_	_	1.6	
Health care patient or resident of health care facility	11.6	_	_	_	_	4.1	_	_	_	53.2	
Person—other than injured or ill											
worker, n.e.cPlants, trees, vegetation—not	_	_	_	_	_	_	-	_	_	1.7	
processed	-	20.3	_	_	_	_	_	_	_	1.0	

Table 16. Incidence rates 1 for nonfatal occupational injuries and illnesses involving days away from work 2 per 10,000 full-time workers for selected sources of injuries or illnesses and industry division, 1996 — Continued

				ate maas								
			Goods-	producing	ı	Service-producing						
Source	Private industry ³	Agricul- ture, forestry, and fishing ³	Mining ⁴	Construc- tion	Manufac- turing	Transportation and public utilities 4,5	Whole- sale trade	Retail trade	Finance, insurance, and real estate	Services		
Structures and surfaces	1	28.2	52.2	122.8	41.4	85.5	58.2	53.6	31.2	46.7		
Building systems Plumbing system	_	_	_	1.4 1.4	_	_	_	_	_	_		
Floors, walkways, ground surfaces Floors, walkways, ground surfaces,		28.2	41.8	102.2	36.1	82.1	47.3	49.3	28.4	42.0		
unspecified		10.0		10.7	1.4	8.1	-	2.8	_	_		
FloorsFloor, unspecified	26.9 1.1	_	10.4	44.2	24.5	16.1	21.9	36.9 4.8	17.6	25.5		
Floor of building	1	_	_	42.4	23.9	13.9	21.2	32.1	17.6	25.2		
Ground		_	28.4	37.7	2.9	40.0	11.0	2.1	-	2.9		
Sidewalks, paths, outdoor walkways	1.5	_	_	2.9		2.8	-	_	1.3	1.9		
Stairs, steps		_	_	_	3.1	3.8	_	_	5.4	4.1		
Stairs, steps, unspecified	1.2 1.4	_	_	_	1.7	3.1	_	_	2.9 1.2	1.6 1.7		
Stairs, steps—outdoors	1	_	_	_		_	_	_	1.2			
Street, road	-	-	-	_	_	5.9	-	_	_	2.1		
Surfaces below ground level, n.e.c	-	_	_	3.2	_	-	-	_	_	_		
Ditches, channels, trenches, excavations	_	_	_	2.9	_	_	_	_	_	_		
Parking lots	1	_	_	_	2.7	4.7	8.8	4.8	_	4.8		
Other structural elements		_	_	12.7	4.8	2.9	6.8	4.1	2.8	4.5		
Doors	1	-	_	5.6	2.6	-	-	3.0	1.5	3.9		
Roof trusses	_	_	7.5	3.7 6.4	_	_	_	_	_	_		
Structures Scaffolds—staging		_	7.5	- 0.4	_	_	_	_	_	_		
Scaffolds—staging, unspecified		_	7.5	_	_	_	_	_	_	_		
Towers, poles	-	_	_	3.0	_	-	-	_	_	_		
Tools, instruments, and equipment	17.6	19.1	38.8	48.9	19.4	6.4	33.9	12.9	5.0	11.8		
Handtools—nonpowered	9.6	-	28.4	28.1	9.7	3.8	10.9	9.1	5.0	7.3		
Cutting handtools—nonpowered		_	_	7.3	3.3	_	5.5	3.8	3.3	6.2		
Knives Digging handtools—nonpowered	3.5	_	_	7.2 7.0	2.8	_	_	3.0	3.3	5.0		
ShovelsStriking and nailing handtools—	-	-	-	5.0	-	-	-	-	_	-		
nonpowered	1.5	-	_	8.8	1.4	-	-	_	_	_		
Hammers	1	-	-	6.1	1.2	_	-	_	_	_		
Sledges Turning handtools—nonpowered		_	9.0	2.7	_ 1.3	_	- 4.4	- 3.4	_	_		
Screwdrivers		_	- 9.0	_	- 1.3	_	4.4	- -	_	_		
Wrenches	1	_	9.0	_	1.1	_	-	3.0	_	_		
Other handtools—nonpowered	-	_	13.4	_	1.4	_	-	-	_	_		
Crowbars	1	_	9.0	- 15.2	- 6.8	_	_ 15.1	_	_	2.2		
Handtools—powered Boring handtools—powered		_	_	15.2	1.2	_	-	_	_			
Cutting handtools—powered		-	-	3.4		_	_	_	_	-		
Striking and nailing handtools—												
powered Hammers—powered		_	_	6.4 3.1	_	_	_	_	_	_		
Jackhammers—powered		-	_	3.1	_	_	_	_	-	_		
Surfacing handtools—powered	1	_	_	-	_	_	_	_	_	1.9		
Hand grinders—powered		-	-	_	_	-	_	_	-	1.3		
Welding and heating handtools—	10			4.4	10		12.6					
powered Welding and heating handtools—	1.8	_	_	4.1	1.8		12.6	_	-	_		
powered, unspecified	1.5	_	_	_	1.5	_	12.6	_	_	_		
Welding torches—powered	-	_	-	1.4	_	-	_	_	_	_		
Other handtools—powered	-	_	_	_	1.8	_	- 	_	-	_		
Handtools—power not determined Cutting handtools—power not	-	_	_	_	_	_	5.6	_	_	_		
determined	_	_	_	_	_	_	5.6	_	_	_		
Saws—power not determined	-	_	_	_	_	-	5.6	-	_	_		
Ladders		_	_	3.7	_	1.2	-	2.0	-	_		
Ladders—movable Other tools, instruments, and equipment	1	9.3	_	_	_	1.2	_	_		- 1.7		
Wheelchairs		9.5	_	_	_	_	_	_	_	1.7		

Table 16. Incidence rates¹ for nonfatal occupational injuries and illnesses involving days away from work ² per 10,000 full-time workers for selected sources of injuries or illnesses and industry division, 1996 — Continued

			Goods-	producing		Service-producing					
Source	Private industry ³	Agricul- ture, forestry, and fishing ³	Mining ⁴	Construc- tion	Manufac- turing	Transportation and public utilities 4,5	Whole- sale trade	Retail trade	Finance, insurance, and real estate	Services	
Tools, instruments, and equipment, n.e.c.	_	9.3	_	_	_	-	-	_	_	-	
Vehicles Vehicle, unspecified	16.5 - 6.2 2.0 3.5 2.2 - - 4.5 4.2 3.9		14.9 - 10.4 - 7.5 7.5 - - -	11.6 - 5.9 - 4.7 3.8 - - 3.5 3.2 3.0	15.5 - 2.5 - 1.7 - - 6.9 6.2 5.9	46.2 3.4 19.9 - 18.1 9.5 5.3 - 10.8 10.7 10.5	29.9 - 8.1 - 5.3 - - 11.8 11.3 9.6	15.2 - 7.6 2.4 4.1 3.8 - - 2.5 2.5 2.1	3.4 - - 1.6 - - -	11.1 - 6.8 4.6 1.2	
Plant and industrial vehicle— nonpowered Cart, dolly, handtruck	4.8 4.6	_ _	- -	_ _	5.5 5.4	9.9 9.6	8.4 8.4	4.3 4.3	- -	3.8 3.0	
Other sources Apparel and textiles Atmospheric and environmental	9.8	_ _	3.0	30.4	15.6 -	5.5 -	19.6 -	2.2 -	_ _	3.9 1.0	
conditions Fire, flame, smoke Fire, flame Temperature extremes—	1.6 - -	- - -	- - -	11.2 - -	1.8 1.4 1.3	1.4 - -	- - -	- - -	- - -	- - -	
environmental Heat—environmental Weather and atmospheric conditions Lightning Paper, books, magazines Scrap, waste, debris Scrap, waste, debris, unspecified Chips, particles, splinters Dirt particles Glass chips or fibers Metal chips, particles Wood chips, sawdust Chips, particles, splinters, n.e.c.	- - -		- - - - - - - - - -	1.2 1.2 9.8 9.8 - 17.6 - 15.4 - 1.4 3.8 3.5 3.9	- - - 1.2 11.2 1.0 9.5 1.8 - 4.1 - 1.6	- - - - 3.7 - 3.6 3.0 - -	- - - - 15.7 - 14.6 - - 6.2 - 4.8		-	- - - - 1.5 - 1.0 - - -	
Nonclassifiable	6.4	-	47.8	7.1	3.7	13.0	_	14.0	1.2	3.7	

 $^{^1}$ Incidence rates represent the number of injuries and illnesses per 10,000 full-time workers and were calculated as: (N/EH) x 20,000,000 where

N = number of injuries and illnesses

EH = total hours worked by all employees during

the calendar year

20,000,000 = base for 10,000 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

Department of Transportation. Independent mining contractors are excluded from the coal, metal, and nonmetal industries.

NOTE: Dashes indicate data that are not available or data for incidence rates less than 1.0 per 10,000 full-time workers. Major classifications may include detailed classifications not shown separately. n.e.c. = not elsewhere classified.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses, in cooperation with participating State agencies.

² Days-away-from-work cases include those which result in days away from work with or without restricted work activity.

³ Excludes farms with fewer than 11 employees.

⁴ Data conforming to OSHA definitions for mining operators in coal, metal, and nonmetal mining and for employers in railroad transportation are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor; and by the Federal Railroad Administration, U.S.

⁵ In 1996, air courier operations previously classified in Industry Groups 421, 422, 423, 452, 473, and 478 were reclassified to Industry Group 451. As a result, the 1996 estimates for these SIC's and Major Industry Groups 42, 45, and 47 are not comparable to those for prior years. In addition, the 1996 estimates for transportation and public utilities may have more variability than those for prior years.